



TITLE V OPERATING PERMIT

Issued pursuant to Title 22a of the Connecticut General Statutes (CGS) and Section 22a-174-33 of the Regulations of Connecticut State Agencies (RCSA) and pursuant to the Code of Federal Regulations (CFR), Title 40, Part 70.

Title V Permit Number	180 - 0012 - TV
Client/ Sequence /Town/Premises Numbers	4831/2/180/2
Date Issued	June 4, 2003
Expiration Date	June 4, 2008

Corporation:

Quality Rolling and Deburring Company, Inc.

Premises Location:

135 South Main Street, Thomaston, Connecticut 06787

Name of Responsible Official and Title:

George LaCapra

President of Quality Rolling & Deburring Company Inc./GLC Associates LLC

All the following attached pages, 2 through 37, are hereby incorporated by reference into this Title V Operating Permit.

Jane K. Stahl
Arthur J. Rocque, Jr.
Commissioner

6/4/03
Date

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LIST OF ACRONYMS

<i>Acronym</i>	<i>Description</i>
BHP	Brake per Horsepower
CFR	Code of Federal Regulations
CGS	Connecticut General Statutes
CP/OP	Construction and Operating Permits
CT	Connecticut
DEP	Department of Environmental Protection
EMU	Emission Unit
ft ³ /hr	Cubic Feet per Hour
GEMU	Grouped Emission Unit
HAP	Hazardous Air Pollutant
HP	Horsepower
lb/hr	Pounds per Hour
lb/MMBTU	Pounds per Million British Thermal Unit
MASC	Maximum Allowable Stack Concentration
MMft ³ /yr	Million Cubic Feet per Year
NO _x	Nitrogen Oxides
NSR	New Source Review
PCE	Perchloroethylene
PM-10	Particulate Matter
QRD	Quality Rolling and Deburring
RCSA	Regulations of Connecticut State Agencies
SIP	State Implementation Plan
SO _x	Sulfur Dioxides
SOS	Standard Operating Scenario
TCE	Trichloroethylene
TPY	Tons per year
TSP	Total Suspended Particulate
VOC	Volatile Organic Compound
⁰ F	Degrees Fahrenheit

Title V Operating Permit

All conditions in Sections III, IV, VII and VIII of this Title V Operating Permit are enforceable by both the Administrator and the Commissioner unless otherwise specified. Applicable requirements and compliance demonstration are set forth in Section III of this Title V Operating Permit. The Administrator or any citizen of the United States may bring an action to enforce all permit terms or conditions or requirements contained in Sections III, IV, VII and VIII of this Title V Operating Permit in accordance with the Clean Air Act (CAA), as amended.

Section I: Premises Information/Description

A. PREMISES INFORMATION

Nature of Business: Metal Finishing and Plating Operation

Primary SIC: 3417

Other SIC: n/a

Facility Mailing Address: 135 South Main Street, Thomaston, CT 06787

Telephone Number: (860) 283-0271

B. PREMISES DESCRIPTION

Quality Rolling and Deburring Company, Inc. (QRD) operates a metal finishing and plating operation in Thomaston. The facility operates seven plating departments. These plating departments consist of a combination of nickel, zinc, lead, tin, and copper plating onto small parts. As part of these plating operations, six separate evaporators concentrate excess process liquid for reuse. In addition, QRD operates tumbling barrels, cleaning tanks, and two degreasers. The facility site owner, GLC Associates LLC, operates the boiler house which provides process and building heat to QRD's operation. GLC Associates submitted their compliance plan to limit NO_x emissions to below 50 tons per year (synthetic minor) on January 1, 1999.

Section II: Emissions Units Information

A. EMISSIONS UNITS DESCRIPTION

Emission units are set forth in Table II.A.

TABLE II.A: EMISSIONS UNIT DESCRIPTION				
Emissions Units	Group Emissions Units	Emissions Unit Description	Control Unit Description	Permit, Order, or Registration Number*
EMU 1	GEMU 1	Boiler #2 – 75 BHP Boiler, using No. 6 fuel oil.	N/A	N/A
EMU 2		Boiler #3 – 210 BHP Boiler, using No. 6 fuel oil.	N/A	N/A
EMU 3		Boiler #4 – 210 BHP Boiler, using No. 6 fuel oil.	N/A	N/A
EMU 4	None	Perchloroethylene (PCE) Vapor Degreaser	Dwell, Freeboard Refrigeration Device, Reduced Room Draft and, Carbon Adsorber	N/A
EMU 5	None	Trichloroethylene (TCE) Vapor Degreaser	Freeboard Refrigeration Device, Working Mode Cover	N/A
EMU 6	None	Cooling Tower	N/A	N/A
EMU 7	None	12.5 MMBTU/hr Boiler using natural gas	Low NOx Burner, Flue Gas Recirculation	Permit No. 180-0019
EMU 8	GEMU 2	Plating Operations - Nickel Plating	N/A	N/A
EMU 9		Plating Operations - Nickel Plating	N/A	N/A
EMU 10		Plating Operations - Nickel Plating	N/A	N/A
EMU 11		Plating Operations - Zinc Plating	N/A	N/A
EMU 12		Plating Operations - Tin/Lead Plating	N/A	N/A

Section II: Emissions Units Information

TABLE II.A: EMISSIONS UNIT DESCRIPTION				
Emissions Units	Group Emissions Units	Emissions Unit Description	Control Unit Description	Permit, Order, or Registration Number*
EMU 13	GEMU 2 con't	Plating Operations - Tin/Nickel Plating	N/A	N/A
EMU 14		Plating Operations - Tin/Lead Plating	N/A	N/A
EMU 15		Plating Operations - Tin/Nickel/Gold Plating	N/A	N/A
EMU 16	None	Six nickel evaporators	N/A	N/A

(*) It is not intended to incorporate by reference these NSR Permits, Orders, or Registrations into this Title V Operating Permit.

Section II: Emissions Units Information

B. OPERATING SCENARIO IDENTIFICATION

The permittee shall be allowed to operate under the following standard operating scenarios (SOS) without notifying the Commissioner, provided that such operations are explicitly provided for and described in the table below. The permittee shall record contemporaneously, the operating scenario under which each emissions unit is operating in a log to be kept at the subject premises. There are no Alternate Operating Scenarios (AOS) for the premises.

TABLE II.B: OPERATING SCENARIO IDENTIFICATION		
Identification of Operating Scenarios	Emissions Units Associated with the Scenario	Description of Scenario
SOS	EMU 1 – EMU 3	The permittee operates boilers #2, #3, and #4 using No. 6 fuel oil.
	EMU 4	The permittee operates a vapor degreaser using perchloroethylene (PCE).
	EMU 5	The permittee operates a vapor degreaser using trichloroethylene (TCE).
	EMU 6	The permittee operates a cooling tower.
	EMU 7	The permittee operates a boiler using natural gas.
	EMU 8 – EMU 15	The permittee operates eight plating lines.
	EMU 16	The permittee operates six nickel evaporators.

Section III: Applicable Requirements

The following tables contain summaries of applicable regulations and limitations and/or restrictions for each identified Emissions Unit and Operating Scenario, regulated by this Title V Operating Permit. Each Compliance Demonstration requirement is designated a condition number and is delineated below. Note: “F or S” denotes enforceability. “F” = federal and state enforceable conditions, “S” = state only enforceable conditions

A. GROUPED EMISSIONS UNIT 1 – BOILERS #2, #3 and #4

Table III.A: APPLICABLE REQUIREMENTS - EMISSIONS UNITS EMU 1, 2, 3				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/Citations	F/S
SOS	Opacity	1.i. The opacity shall not exceed 20% (average of 24 consecutive observations recorded at 15 second intervals - minimum of 3 sets in a 60 minute period.) 1.ii. The opacity shall not exceed 40% any longer than 5 minutes (aggregated) in any 60-minute period. [40 CFR Part 60, Method 9, Appendix A]	1.i. RCSA Section 22a-174-18(a)(1)(i) 1.ii. RCSA Section 22a-174-18(a)(1)(ii)	F
SOS	TSP	2. The TSP emissions shall not exceed 0.20 lb/MMBTU of heat input when operating on No. 6 fuel oil.	2. RCSA Section 22a-174-18(d)(1)	S
SOS	NO _x	3.i. On any day from May 1 to September 30, inclusive, of any year: the NO _x emissions shall not exceed two hundred seventy-four (274) pounds for the premises. 3.ii. The NO _x emissions shall not exceed 50 TPY.	3.i. 40 CFR 70.6(b) RCSA Section 22a-174-33(j)(1)(E) RCSA Section 22a-174-33(j)(1)(F) 3.ii. 40 CFR 70.6(b) RCSA Section 22a-174-33(j)(1)(E) RCSA Section 22a-174-33(j)(1)(F)	F
SOS	No. 6 Fuel Oil	4. The sulfur content of No. 6 fuel oil shall not exceed 1.0% by weight (dry basis).	4. RCSA Section 22a-174-19(a)(2)(i)	F

Section III: Applicable Requirements

B. EMISSIONS UNIT 4 – PERCHLOROETHYLENE (PCE) VAPOR DEGREASER

Table III.B: APPLICABLE REQUIREMENTS – EMU 4				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/Citations	F/S
SOS	PCE	Control combination option #2 of Table 2 of 40 CFR Section 63.463(b)(2)(i), consisting of dwell, freeboard refrigeration device and reduced room draft. A carbon adsorber is also used.	40 CFR Section 63.463(b)(2)(i)	F

C. EMISSIONS UNIT 5 – TRICHLOROETHYLENE (TCE) VAPOR DEGREASER

Table III.C: APPLICABLE REQUIREMENTS – EMU 5				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/Citations	F/S
SOS	TCE	Control combination option #3 of Table 1 of 40 CFR Section 63.463(b)(2)(i), consisting of a working-mode cover and a freeboard refrigeration device.	40 CFR Section 63.463(b)(2)(i)	F

D. EMISSIONS UNIT 6 – COOLING TOWER

Table III.D: APPLICABLE REQUIREMENTS – EMU 6				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/Citations	F/S
SOS	TSP	The particulate emissions shall not exceed 30.9 lb/hr.	RCSA Section 22a-174-18(e)(1)	S

Section III: Applicable Requirements

E. EMISSION UNIT 7 – 300HP CLEAVER BROOKS BOILER

Table III.E: APPLICABLE REQUIREMENTS - EMU 7				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/Citations	F/S
SOS	Opacity	1.i. The opacity shall not exceed 20% (average of 24 consecutive observations recorded at 15 second intervals - minimum of 3 sets in a 60 minute period.) 1.ii. The opacity shall not exceed 40% any longer than 5 minutes (aggregated) in any 60-minute period. [40 CFR Part 60, Method 9, Appendix A]	1.i. RCSA Section 22a-174-18(a)(1) 1.ii. RCSA Section 22a-174-18(a)(1)	F
SOS	PM-10/TSP	2.i. The PM-10/TSP emissions shall not exceed 0.01 lb/MMBTU of heat input. 2.ii. The PM-10/TSP emissions shall not exceed 0.55 TPY.	2.i. CP/OP No. 180-0019 2.ii. CP/OP No. 180-0019	F
SOS	NO _x	3.i. The NO _x emissions shall not exceed 0.035 lb/MMBTU of heat input. (24-hour averaging time) 3.ii. The NO _x emissions shall not exceed 1.92 TPY.	3.i. CP/OP No. 180-0019 3.ii. CP/OP No. 180-0019	F
SOS	SO _x	4.i. The SO _x emissions shall not exceed 0.001 lb/MMBTU of heat input. 4.ii. The SO _x emissions shall not exceed 0.06 TPY.	4.i. CP/OP No. 180-0019 4.ii. CP/OP No. 180-0019	F
SOS	VOC	5.i. The VOC emissions shall not exceed 0.016 lb/MMBTU of heat input. 5.ii. The VOC emissions shall not exceed 0.88 TPY.	5.i. CP/OP No. 180-0019 5.ii. CP/OP No. 180-0019	F
SOS	CO	6.i. The CO emissions shall not exceed 0.037 lb/MMBTU of heat input. 6.ii. The CO emissions shall not exceed 2.03 TPY.	6.i. CP/OP No. 180-0019 6.ii. CP/OP No. 180-0019	F
SOS	Natural Gas	7.i. The fuel firing rate shall not exceed 12,307 ft ³ /hr. 7.ii. The annual fuel usage shall not exceed 107.8 MM ft ³ /yr.	7.i. CP/OP No. 180-0019 7.ii. CP/OP No. 180-0019	F

Section III: Applicable Requirements

F. GROUPED EMISSIONS UNIT 2 – EIGHT PLATING LINES

Table III.F: APPLICABLE REQUIREMENTS – EMU 8, 9, 10, 11, 12, 13, 14, 15				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/Citations	F/S
SOS	HAP	The permittee shall not exceed the maximum allowable stack concentration.	RCSA Section 22a-174-29(b)(1)	S

G. EMISSIONS UNIT 16 – SIX NICKEL EVAPORATORS

Table III.G: APPLICABLE REQUIREMENTS – EMU 16				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/Citations	F/S
SOS	HAP	The permittee shall not exceed the maximum allowable stack concentration.	RCSA Section 22a-174-29(b)(1)	S

Section IV: Compliance Demonstration

A. GROUPED EMISSIONS UNIT 1 – BOILERS #2, #3 and #4

1. Monitoring and Testing Requirements

i. *Pollutant or Process Parameter: Opacity*

Opacity shall not exceed those limits stated in Condition 1, Table III.A of this Title V Operating Permit. If required by the Commissioner, the permittee shall, within the time period specified by the Commissioner, measure opacity using 40 CFR 60 Appendix A Method 9 stack test. [RCSA Section 22a-174-5(e)(2) & Section 33(j)(1)(K) and 40 CFR Section 70.6(a)(3)]

ii. *Pollutant or Process Parameter: TSP*

- a. Emissions of TSP shall not exceed those limits stated in Condition 2, Table III.A of this Title V Operating Permit. The permittee shall verify compliance with the 0.2 lb/MMBTU emissions limitation by use of appropriate emissions factors including but not limited to vendor or AP-42 emissions factors and fuel consumption records. [RCSA Section 22a-174-4(c)(1)]
- b. The permittee shall demonstrate compliance by: maintaining good operational practices by either following the manufacturers instructions or the State of Connecticut, Department of Public Safety's "Boiler Operation Guidelines". [RCSA Section 22a-174-33(j)(1)(K) and 40 CFR Section 70.6(a)(3)]

iii. *Pollutant or Process Parameter: NO_x*

- a. Emissions of NO_x shall not exceed those limits stated in Condition 3, Table III.A of this Title V Operating Permit. The permittee shall calculate the emissions rate with the use of appropriate emissions factors including but not limited to vendor or AP-42 emissions factors and daily operating hours to verify compliance with the 274 lb/day emissions limitation. Such operating hours shall be monitored daily each 24-hour period between May 1 and September 30 of any calendar year. [RCSA Section 22a-174-4(c)(1)]
- b. If required by the Commissioner, the permittee, within the time period specified by the Commissioner, shall conduct an emission test to demonstrate compliance with the emission limitations. Compliance with the emission limitation shall be determined based on the average of three (3) one-hour tests, each performed over a consecutive 60-minute period and performed in accordance with RCSA Section 22a-174-5. [RCSA Section 22a-174-5(d)]

iv. *Pollutant or Process Parameter: No. 6 Fuel Oil*

The permittee shall monitor fuel merchant certifications from the fuel supplier certifying the type of fuel, the weight percent of sulfur (dry basis) in the fuel, name of fuel supplier, and the method used to determine the sulfur content of fuel for each shipment of liquid fuel. [RCSA Sections 22a-174-4(c)(1) & 22a-174-19(a)(5)]

Section IV: Compliance Demonstration

2. Record Keeping Requirements

i. *Pollutant or Process Parameter: Opacity*

The permittee shall maintain records of the dates, times, and places of visible emissions observations, persons performing the observations, test methods used, the operating conditions at the time of observation, and the results of such observation. [RCSA Section 22a-174-4(c)(1)]

ii. *Pollutant or Process Parameter: TSP*

- a. The permittee shall keep calculation records required in Section IV.A.1.ii. [RCSA Section 22a-174-4(c)(1)]
- b. The permittee shall maintain records of boiler maintenance to verify boilers are being properly maintained. [RCSA Sections 22a-174-4(c)(1) & 33(j)(1)(K) and 40 CFR Section 70.6(a)(3)]

iii. *Pollutant or Process Parameter: NO_x*

- a. The permittee shall keep records of calculations required in Section IV.A.1.iii.a. [RCSA Sections 22a-174-4(c)(1) & 33(j)(1)(K) and 40 CFR Section 70.6(a)(3)]
- b. The permittee shall keep records of all tune-ups, repairs, replacement of parts and other maintenance done on the units. [RCSA Sections 22a-174-4(c)(1) & 33(j)(1)(K) and 40 CFR Section 70.6(a)(3)]
- c. The permittee shall maintain records of daily operating hours for each 24-hour day between May 1 and September 30. [RCSA Sections 22a-174-4(c)(1) & 33(j)(1)(K) and 40 CFR Section 70.6(a)(3)]
- d. The permittee shall maintain monthly and annual emissions records of actual NO_x emissions to determine whether NO_x emissions from such premises in any calendar year are in excess of fifty tons for premises. The monthly NO_x emissions shall be calculated using appropriate emissions factors including but not limited to vendor or AP-42 emissions factors, daily operating hours and the fuel usage. Annual NO_x emissions shall be calculated each calendar month by adding the current calendar month's NO_x emissions to those of the previous eleven months. [RCSA Section 22a-174-4(c)(1) & 22(l)(1)(C)]

iv. *Pollutant or Process Parameter: No. 6 Fuel Oil*

The permittee shall maintain records of fuel merchant certifications from the fuel supplier certifying the type of fuel, the weight percent of sulfur in the fuel, name of the fuel supplier, and the method used to determine the sulfur content of fuel for each shipment. [RCSA Section 22a-174-19(a)(5)]

v. *General Record Keeping Requirements*

The permittee shall keep records of the dates, times, and places of all emission testing done on these three boilers, the persons performing the measurements, the testing methods used, the operating conditions at the time of testing, and the results of such testing. [RCSA Section 22a-174-4(c)(1)]

Section IV: Compliance Demonstration

3. Reporting Requirements

i. *Pollutant or Process Parameter: Opacity*

The permittee shall provide all the opacity records specified in Section IV.A.2.i of this Title V Operating Permit to the Commissioner within thirty days of receipt of a written request from the Commissioner.
[RCSA Section 22a-174-4(c)(1)]

ii. *Pollutant or Process Parameter: TSP*

The permittee shall provide all the TSP records specified in Section IV.A.2.ii of this Title V Operating Permit to the Commissioner within thirty days of receipt of a written request from the Commissioner.
[RCSA Section 22a-174-4(c)(1)]

iii. *Pollutant or Process Parameter: NO_x*

The permittee shall provide all the NO_x records specified in Section IV.A.2.iii of this Title V Operating Permit to the Commissioner within thirty days of receipt of a written request from the Commissioner.
[RCSA Section 22a-174-4(c)(1)]

iv. *Pollutant or Process Parameter: No. 6 Fuel Oil*

The permittee shall provide all the fuel records specified in Section IV.A.2.iv of this Title V Operating Permit to the Commissioner within thirty days of receipt of a written request from the Commissioner.
[RCSA Section 22a-174-4(c)(1)]

B. EMISSIONS UNIT 4 – PERCHLOROETHYLENE (PCE) VAPOR DEGREASER

1. Equipment Design Standards

- i. The permittee shall ensure that EMU 4 has a reduced room draft in accordance with sub-section IV.B.2ii and sub-section IV.B.2.iii of this Title V Operating Permit. [40 CFR Section 63.463(a)(1)(ii) & 40 CFR Section 63.463(e)(2)(ii)]
- ii. The permittee shall ensure that EMU 4 has a freeboard ratio of 0.75 or greater. [40 CFR Section 63.463(a)(2)]
- iii. The permittee shall ensure that EMU 4 has an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters per minute (11 feet per minute) or less from the initial loading of parts through removal of cleaned parts. [40 CFR Section 63.463(a)(3)]
- iv. The permittee shall ensure that EMU 4 has been equipped with a device that shuts off the sump heat if the sump liquid solvent level drops to the sump heater coils. [40 CFR Section 63.463(a)(4)]
- v. The permittee shall ensure that EMU 4 has been equipped with a vapor level control device that shuts off sump heat if the vapor level in the vapor-cleaning machine rises above the height of the primary condenser. [40 CFR Section 63.463(a)(5)]
- vi. The permittee shall ensure that EMU 4 has a primary condenser. [40 CFR Section 63.463(a)(6)]
- vii. The permittee shall ensure that EMU 4 employs control combination specified in Table III.B of this Title V Operating Permit consisting of dwell, freeboard refrigeration device and reduced room draft. A carbon adsorber is also used. [40 CFR Section 63.463(b)(2)(i)]

Section IV: Compliance Demonstration

- viii. The permittee shall ensure that EMU 4 lip exhaust shall be designed and operated to route all collected solvent vapors through a properly maintained carbon adsorber that meets the requirements in sub-section IV.B.2.vi through sub-section IV.B.2.viii of this Title V Operating Permit.[40 CFR Section 63.463(a)(7)]

2. Monitoring and Testing Requirements

- i. The permittee shall ensure that the chilled air blanket temperature (in °F), measured at the center of the air blanket, is no greater than 30 percent of the solvent's boiling point. [40 CFR Section 63.463(e)(2)(i)]
- ii. The permittee shall ensure that the flow or movement of air across the top of the freeboard area of the solvent cleaning machine or within the solvent cleaning machine enclosure shall not exceed 15.2 meters per minute (50 feet per minute) at any time as measured using the procedures in 40 CFR 63.466(d). [40 CFR Section 63.463(e)(2)(ii)(A)]
- iii. The permittee shall establish and maintain the operating conditions under which the wind speed was demonstrated to be 15.2 meters per minute (50 feet per minute) or less as described in 40 CFR 63.466(d). [40 CFR Section 63.463(e)(2)(ii)(B)]
- iv. The permittee shall determine the appropriate dwell time for each type of part or parts basket, or determine the maximum dwell time using the most complex part type or parts basket, as described in sub-section IV.B.2.x and Section IV.B.2.xi [40 CFR Section 63.463(e)(2)(v)(A)]
- v. The permittee shall ensure that after cleaning, each part is held in the solvent cleaning machine freeboard area above the vapor zone for the dwell time determined for that particular part or parts basket, or for the maximum dwell time determined using the most complex part type or parts basket. [40 CFR Section 63.463(e)(2)(v)(B)]
- vi. The permittee shall ensure that the concentration of organic solvent in the exhaust from the carbon adsorber does not exceed 100 parts per million of any halogenated HAP compound as measured using the procedure in 40 CFR 63.466(e). If the halogenated HAP solvent concentration in the carbon adsorber exhaust exceeds 100 parts per million, the permittee shall adjust the desorption schedule or replace the disposable canister, if not a regenerative system, so that the exhaust concentration of halogenated HAP solvent is brought below 100 parts per million. [40 CFR Section 63.463(e)(2)(vii)(A)]
- vii. The permittee shall ensure that the carbon adsorber is not bypassed during desorption. [40 CFR Section 63.463(e)(2)(vii)(B)]
- viii. The permittee shall ensure that the lip exhaust is located above the solvent cleaning machine cover so that the cover closes below the lip level exhaust. [40 CFR 463(e)(2)(vii)(C)]
- ix. An exceedance has occurred if any of the requirements of sub-sections IV.B.2.i through IV.B.2.viii have not been met; adjustments or repairs shall be made to the solvent cleaning system or control device to reestablish required levels. The parameter must be remeasured immediately upon adjustment or repair and demonstrated to be within required limits. [40 CFR Section 63.463(e)(3)]
- x. The permittee shall determine the appropriate dwell time for the part or parts basket to cease dripping once placed in the vapor zone. The part or parts basket used for this determination must be at room temperature before being placed in the vapor zone. [40 CFR 63.465(d)(1)]
- xi. The permittee shall determine the proper dwell time for parts to remain in the freeboard area above the vapor zone shall be no less than 35 percent of the time determined in sub-section IV.B.2.x. [40 CFR 63.465(d)(2)]
- xii. The permittee shall use a thermometer or thermocouple to measure the temperature at the center of the air blanket during the idling mode. These measurements shall be made and recorded on a weekly basis. [40 CFR 63.466(a)]
- xiii. The permittee shall determine the actual dwell time by measuring the period of time that parts are held within the freeboard area of the solvent cleaning machine after cleaning. These measurements shall be recorded on a monthly basis. [40 CFR 63.466(b)(2)]

Section IV: Compliance Demonstration

- xiv. If an enclosure (full or partial) is used to achieve a reduced room draft, the permittee shall conduct an initial monitoring test and thereafter, monthly monitoring tests of the direction of the wind current and the windspeed. [40 CFR 63.466(d)(2)]
- xv. The permittee shall conduct monthly visual inspections of the enclosure to determine if it is free of cracks, holes and other defects. [40 CFR 63.466(d)(2)]
- xvi. The permittee shall determine the direction of the wind current in the enclosure by slowly rotating a velometer inside the entrance until the maximum speed is located. [40 CFR 63.466(d)(2)(i)]
- xvii. The permittee shall record the maximum wind speed. [40 CFR 63.466 (d)(2)(ii)]
- xviii. The permittee shall measure and record the concentration of halogenated HAP solvent in the exhaust of the carbon adsorber weekly with a colorimetric detector tube. This test shall be conducted while the solvent cleaning machine is in the working mode and is venting to the carbon adsorber. The exhaust concentration shall be determined using the procedures specified in sub-section IV.B.2.xix, sub-section IV.B.2.xx and sub-section IV.B.2.xxi of this Title V Operating Permit. [40 CFR 63.466(e)]
- xix. The permittee shall use a colorimetric detector tube designed to measure a concentration of 100 parts per million by volume of solvent in air to an accuracy of ± 25 parts per million by volume. [40 CFR 63.466(e)(1)]
- xx. The permittee shall use the colorimetric detector tube according to the manufacturer's instructions. [40 CFR 63.466(e)(2)]
- xxi. The permittee shall provide a sampling port for monitoring within the exhaust outlet of the carbon adsorber that is easily accessible and located at least eight stack or duct diameters downstream from any flow disturbance such as a bend, expansion, contraction, or outlet; downstream from no other inlet; and two stack or duct diameters upstream from any flow disturbance such as a bend, expansion, contraction, inlet or outlet. [40 CFR 63.466(e)(3)]
- xxii. The permittee shall comply with the General Provisions contained in 40 CFR Part 63, Subpart A, as stated in 40 CFR 63, Subpart T, Appendix B. [40 CFR 63 Subpart T, Appendix B]

3. Record Keeping Requirements

- i. The permittee shall maintain records in written or electronic form for the lifetime of EMU 4. [40 CFR 63.467(a)]
- ii. The permittee shall maintain the owner's manuals, or if not available, written maintenance and operating procedures for EMU 4 and its control equipment. [40 CFR 63.467(a)(1)]
- iii. The permittee shall maintain records indicating the date of installation for EMU 4 and all of its control devices. If the exact date for installation is not known, a letter certifying that the cleaning machine and its control devices were installed prior to, or on, November 29, 1993, or after November 29, 1993, may be substituted. [40 CFR 63.467(a)(2)]
- iv. The permittee shall maintain records of the tests required in sub-section IV.B.2.iv, sub-section IV.B.2.x and sub-section IV.B.2.xi of this Title V Operating Permit to determine an appropriate dwell time for each part or parts basket. [40 CFR 63.467(a)(3)]
- v. The permittee shall maintain records of the halogenated HAP solvent content for each solvent used in a solvent cleaning machine subject to the provisions of this subpart. [40 CFR 63.467(a)(5)]
- vi. The permittee shall maintain the results of control device monitoring required under sub-section IV.B.2.i through sub-section IV.B.2.xxii of this Title V Operating Permit in written or electronic format for a period of five years commencing on the date such records were created. [40 CFR 63.467(b)(1)]
- vii. The permittee shall maintain information on the calculations made and the actions taken to demonstrate compliance with sub-section IV.B.2.i through sub-section IV.B.2.ix. This information shall include, but not be limited to; written or oral orders for replacement parts, records describing the repairs made, and records of additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels. [40 CFR 63.467(b)(2)]
- viii. The permittee shall maintain estimates of annual solvent consumption for EMU 4. [40 CFR 63.467(b)(3)]

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- ix. The permittee shall maintain records of the date and results of the weekly measurement of the halogenated HAP solvent concentration in the carbon adsorber exhaust required in sub-section IV.B.2.xviii through sub-section IV.B.2.xxi of this Title V Operating Permit. [40 CFR 63.467(a)(4)]
- x. The permittee shall maintain records demonstrating that all operators of EMU 4 have received the training required under sub-section IV.B.5.x and sub-section IV.B.5.xi of this Title V Operating Permit, including the name of the operator, the date of the training, the name of the trainer and the method of determining whether the test required in 40 CFR Section 63.463(d)(10) was passed. [40 CFR Section 63.463(d)(10)]

4. Reporting Requirements

- i. The permittee shall submit to the Administrator an annual report by February 1 of each year. This report shall include the requirements specified in sub-section IV.B.4.ii through sub-section IV.B.4.ix of this Title V Operating Permit. [40 CFR 63.468(f)]
- ii. A signed statement from the facility owner or his/her designee attesting to the truth of the following statement: "All operators of solvent cleaning machines have received training on the proper operation of EMU 4 and its control devices sufficient to pass the test required in 40 CFR Section 63.463(d)(10)." [40 CFR 63.468(f)(1)]
- iii. An estimate of solvent consumption for EMU 4 during the reporting period. [40 CFR 63.468(f)(2)]
- iv. The permittee shall submit an exceedance report to the Administrator semiannually, except when the Administrator determines that more frequent reporting is necessary to accurately assess the compliance status of EMU 4, or when an exceedance occurs. Once an exceedance has occurred the permittee shall follow a quarterly reporting format until a request to reduce reporting frequency under sub-section IV.B.4.viii of this Title V Operating Permit is approved by the Administrator. Exceedance reports shall be delivered or postmarked by the 30th day following the end of each calendar half if no exceedance has occurred or quarter if an exceedance has occurred, or as otherwise required by the Administrator. The exceedance report shall include the requirements specified in Paragraphs (a) through (c) of sub-section IV.B.4.iv of this Title V Operating Permit.
 - a. The permittee shall submit information on the actions taken to comply with Section IV.B.2.i through Section IV.B.2.xxii of this Title V Operating Permit. This information shall include, but not be limited to, records of written or oral orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels. [40 CFR 63.468(h)(1)]
 - b. If an exceedance has occurred, the permittee shall submit the reason for the exceedance and a description of the actions taken. [40 CFR 63.468(h)(2)]
 - c. If no exceedances of a parameter have occurred, or a piece of equipment has not been inoperative, out of control, repaired, or adjusted, the permittee shall submit such information stated in the report. [40 CFR 63.468(h)(3)]
- v. If the permittee is required to submit an exceedance report on a quarterly (or more frequent) basis, the permittee may reduce the frequency of reporting to semiannually if the conditions in sub-section IV.B.4.iv through sub-section IV.B.4.viii of this Title V Operating Permit are met. [40 CFR 63.468(i)]
- vi. The permittee shall ensure that EMU 4 has demonstrated a full year of compliance without an exceedance. [40 CFR 63.468(i)(1)]
- vii. The permittee shall continue to comply with all required record keeping and monitoring requirements specified in Section IV.B.2 and Section IV.B.3 of this Title V Operating Permit and 40 CFR 63 Subpart A (General Provisions). [40 CFR 63.468(i)(2)]
- viii. The Administrator does not object to a reduced frequency of reporting for EMU 4 as provided in 40 CFR 63.10(e)(3)(iii) of subpart A (General Provisions). [40 CFR 63.468(i)(3)]
- ix. The permittee shall report all exceedances and all corrections and adjustments made to avoid an exceedance as specified in 40 CFR 63.468(h). [40 CFR Section 63.463(e)(4)]

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5. Work Practice and Operational Requirements

- i. The permittee shall control air disturbances across the opening of EMU 4 by a reduced room draft as described in sub-section IV.B.2.ii and IV.B.2.iii. [40 CFR Section 63.463(d)(1)(ii)]
- ii. The permittee shall ensure that the parts baskets or the parts being cleaned in EMU 4 shall not occupy more than 50 percent of the solvent/air interface area unless the parts baskets or parts are introduced at a speed of 0.9 meters per minute (3 feet per minute) or less. [40 CFR Section 63.463(d)(2)]
- iii. The permittee shall ensure that spraying operations shall be done within the vapor zone or within a section of EMU 4 that is not directly exposed to the ambient air (i.e., a baffled or enclosed area of the EMU 4). [40 CFR Section 63.463(d)(3)]
- iv. The permittee shall ensure that parts be oriented so that the solvent drains from them freely. Parts having cavities or blind holes shall be tipped or rotated before being removed from EMU 4 unless an equally effective approach has been approved by the Administrator. [40 CFR Section 63.463(d)(4)]
- v. The permittee shall ensure that the parts baskets or parts shall not be removed from EMU 4 until dripping has stopped. [40 CFR Section 63.463(d)(5)]
- vi. The permittee shall ensure that during startup of EMU 4, the primary condenser shall be turned on before the sump heater. [40 CFR Section 63.463(d)(6)]
- vii. The permittee shall ensure that during shutdown of EMU 4, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off. [40 CFR Section 63.463(d)(7)]
- viii. The permittee shall ensure that when solvent is added or drained from EMU 4, the solvent shall be transferred using threaded or other leak proof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface. [40 CFR Section 63.463(d)(8)]
- ix. The permittee shall ensure that EMU 4 and associated controls be maintained as recommended by the manufacturers of the equipment or using alternative maintenance practices that have been demonstrated to the Administrator's satisfaction to achieve the same or better results as those recommended by the manufacturer. [40 CFR Section 63.463(d)(9)]
- x. The permittee shall ensure that all operators of EMU 4 receive training on the proper operation of EMU 4 and its control devices sufficient to pass the test required in Appendix A of Subpart T, 40 CFR Part 63. [40 CFR Section 63.463(d)(10)]
- xi. The permittee shall ensure that each operator of EMU 4 complete and pass the applicable sections of the test of solvent cleaning operating procedures in Appendix A of Subpart T 40 CFR Part 63 if requested during an inspection by the Administrator. [40 CFR Section 63.463(d)(10)]
- xii. The permittee shall ensure that waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container. [40 CFR Section 63.463(d)(11)]
- xiii. The permittee shall ensure that sponges, fabric, wood, and paper products not be cleaned in EMU 4. [40 CFR Section 63.463(d)(12)]

C. EMISSIONS UNIT 5 –TRICHLOROETHYLENE (TCE) VAPOR DEGREASER

1. Equipment Design Standards

- i. The permittee shall ensure that EMU 5 has an idling and downtime mode cover that may be readily opened or closed that completely covers the cleaning machine openings when in place, and is free of cracks, holes, and other defects. [40 CFR Section 63.463(a)(1)(i)]

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- ii. The permittee shall ensure that EMU 5 has a freeboard ratio of 0.75 or greater. [40 CFR Section 63.463(a)(2), RCSA Section 22a-174-20(l)(4)(C)(i)]
- iii. The permittee shall ensure that EMU 5 has an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters per minute (11 feet per minute) or less from the initial loading of parts through removal of cleaned parts. [40 CFR Section 63.463(a)(3), RCSA Section 22a-174-20(l)(4)(F)(ii)]
- iv. The permittee shall ensure that EMU 5 has been equipped with a device that shuts off the sump heat if the sump liquid solvent level drops to the sump heater coils. [40 CFR Section 63.463(a)(4)]
- v. The permittee shall ensure that EMU 5 has been equipped with a vapor level control device that shuts off sump heat if the vapor level in the vapor-cleaning machine rises above the height of the primary condenser. [40 CFR Section 63.463(a)(5), RCSA Section 22a-174-20(l)(4)(B)(i)]
- vi. The permittee shall ensure that EMU 5 has a primary condenser. [40 CFR Section 63.463(a)(6)]
- vii. The permittee shall ensure that EMU 5 employs control combination option #3 in Table 1 of 40 CFR Section 63.463(b)(1)(i) consisting of a freeboard refrigeration device and working-mode cover. [40 CFR Section 63.463(b)(1)(i)]
- viii. The permittee shall equip EMU 5 with a cover that can be opened and closed easily without disturbing the vapor zone. [RCSA Section 22a-174-20(l)(4)(A)]
- ix. The permittee shall equip the vapor degreaser with a condenser flow switch and device which shuts off the sump heat if the condenser coolant is not circulating or if the vapor level rises above the height of the primary condenser. [RCSA Section 22a-174-20(l)(4)(B)(i)]
- x. The permittee shall equip EMU 5 with a spray safety switch which shuts off the spray pump if the vapor level drops more than 10 centimeters (4 inches) below the lowest condensing coil. [RCSA Section 22a-174-20(l)(4)(B)(ii)]

2. Monitoring and Testing Requirements

- i. The permittee shall ensure that the chilled air blanket temperature (in °F), measured at the center of the air blanket, is no greater than 30 percent of the solvent's boiling point. [40 CFR Section 63.463(e)(2)(i)]
- ii. The permittee shall ensure that the flow or movement of air across the top of the freeboard area of the solvent cleaning machine or within the solvent cleaning machine enclosure shall not exceed 15.2 meters per minute (50 feet per minute) at any time as measured using the procedures in 40 CFR 63.466(d). [40 CFR Section 63.463(e)(2)(ii)(A)]
- iii. The permittee shall ensure that the cover opens only for part entrance and removal and completely covers the cleaning machine openings when closed. [40 CFR Section 63.463(e)(2)(iii)(A)]
- iv. The permittee shall ensure that the working-mode cover is maintained free of cracks, holes, and other defects. [40 CFR Section 63.463(e)(2)(iii)(B)]
- v. The permittee shall comply with the General Provisions contained in 40 CFR Part 63, Subpart A, as stated in 40 CFR 63 Subpart T, Appendix B. [40 CFR 63 Subpart T, Appendix B]

3. Record Keeping Requirements

- i. The permittee shall maintain records in written or electronic form for the lifetime of EMU 5. [40 CFR 63.467(a)]
- ii. The permittee shall maintain the owner's manuals, or if not available, written maintenance and operating procedures for EMU 5 and its control equipment. [40 CFR 63.467(a)(1)]
- iii. The permittee shall maintain records indicating the date of installation for EMU 5 and all of its control devices. If the exact date for installation is not known, a letter certifying that the cleaning machine and its control devices were installed prior to, or on, November 29, 1993, or after November 29, 1993, may be substituted. [40 CFR 63.467(a)(2)]
- iv. The permittee shall maintain information on the calculations made and the actions taken to demonstrate

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compliance with sub-section IV.C.2.i through sub-section IV.C.2.v of this Title V Operating Permit. This information shall include; written or oral orders for replacement parts, records describing the repairs made, and records of additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels. [40 CFR 63.467(b)(2)]

- v. The permittee shall maintain monthly records of the amount of solvent added to each unit and keep such record for a minimum of five years after such record is made [RCSA Sections 22a-174-20(1)(4)(O) and 33(o)(2)]
- vi. The permittee shall maintain estimates of annual solvent consumption for EMU 5. [40 CFR 63.467(b)(3)]
- vii. The permittee shall maintain records demonstrating that all operators of EMU 5 have received the training required under sub-section IV.C.5.x and sub-section IV.C.5.xi of this Title V Operating Permit, including the name of the operator, the date of the training, the name of the trainer and the method of determining whether the test required in 40 CFR Section 63.463(d)(10) was passed. [40 CFR Section 63.463(d)(10)]

4. Reporting Requirements

- i. The permittee shall submit to the Administrator an annual report by February 1 of each year. This report shall include the requirements specified in sub-section IV.C.4.ii through sub-section IV.C.4.xii of this Title V Operating Permit. [40 CFR 63.468(f)]
- ii. A signed statement from the facility owner or his designee attesting to the truth of the following statement: "All operators of solvent cleaning machines have received training on the proper operation of EMU 5 and its control devices sufficient to pass the test required in 40 CFR Section 63.463(d)(10)." [40 CFR 63.468(f)(1)]
- iii. An estimate of solvent consumption for EMU 5 during the reporting period. [40 CFR 63.468(f)(2)]
- iv. The permittee shall submit an exceedance report to the Administrator semiannually, except when the Administrator determines that more frequent reporting is necessary to accurately assess the compliance status of EMU 5, or when an exceedance occurs. Once an exceedance has occurred the permittee shall follow a quarterly reporting format until a request to reduce reporting frequency under sub-section IV.C.4.viii of this Title V Operating Permit is approved by the Administrator. Exceedance reports shall be delivered or postmarked by the 30th day following the end of each calendar half if no exceedance has occurred or quarter if an exceedance has occurred, or as otherwise required by the Administrator. The exceedance report shall include the requirements specified in sub-section IV.C.4.ii through sub-section IV.C.4.xii of this Title V Operating Permit. [40 CFR 63.468(h)]
- v. The permittee shall submit information on the actions taken to comply with sub-section IV.C.2.i through sub-section IV.C.2.v of this Title V Operating Permit. This information shall include, records of written or oral orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels. [40 CFR 63.468(h)(1)]
- vi. If an exceedance has occurred, the permittee shall submit the reason for the exceedance and a description of the actions taken. [40 CFR 63.468(h)(2)]
- vii. If no exceedances of a parameter have occurred, or a piece of equipment has not been inoperative, out of control, repaired, or adjusted, the permittee shall submit such information stated in the report. [40 CFR 63.468(h)(3)]
- viii. If the permittee is required to submit an exceedance report on a quarterly (or more frequent) basis, the permittee may reduce the frequency of reporting to semiannually if the following conditions in sub-section IV.C.4.ix through sub-section IV.C.4.xi of this Title V Operating Permit are met. [40 CFR 63.468(i)]

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- ix. The permittee shall ensure that EMU 5 has demonstrated a full year of compliance without an exceedance. [40 CFR 63.468(i)(1)]
- x. The permittee shall continue to comply with all required record keeping and monitoring requirements specified in sub-sections IV.C.2, IV.C.3 and 40 CFR 63 Subpart A (General Provisions). [40 CFR 63.468(i)(2)]
- xi. The Administrator does not object to a reduced frequency of reporting for EMU 5 as provided in 40 CFR 63.10(e)(3)(iii) of Subpart A (General Provisions). [40 CFR 63.468(i)(3)]
- xii. The permittee shall report all exceedances and all corrections and adjustments made to avoid an exceedance as specified in 40 CFR 63.468(h). [40 CFR Section 63.463(e)(4)]

5. Work Practice and Operational Requirements

- i. The permittee shall control air disturbances across the opening of EMU 5 by incorporating a cover that shall be in place during the idling mode, and during the downtime mode unless either the solvent has been removed from the machine or maintenance or monitoring is being performed that requires the cover to not be in place. [40 CFR Section 63.463(d)(1)(i), RCSA Section 22a-174-20(l)(4)(D)]
- ii. The permittee shall ensure that the parts baskets or the parts being cleaned in EMU 5 shall not occupy more than 50 percent of the solvent/air interface area unless the parts baskets or parts are introduced at a speed of 0.9 meters per minute (3 feet per minute) or less. [40 CFR Section 63.463(d)(2)]
- iii. The permittee shall ensure that spraying operations shall be done within the vapor zone or within a section of EMU 5 that is not directly exposed to the ambient air (i.e., a baffled or enclosed area of the EMU 5). [40 CFR Section 63.463(d)(3), RCSA Section 22a-174-20(l)(4)(J)]
- iv. The permittee shall ensure that parts be oriented so that the solvent drains from them freely. Parts having cavities or blind holes shall be tipped or rotated before being removed from EMU 5 unless an equally effective approach has been approved by the Administrator. [40 CFR Section 63.463(d)(4)]
- v. The permittee shall ensure that the parts baskets or parts shall not be removed from EMU 5 until dripping has stopped. [40 CFR Section 63.463(d)(5)]
- vi. The permittee shall ensure that during startup of EMU 5, the primary condenser shall be turned on before the sump heater. [40 CFR Section 63.463(d)(6)]
- vii. The permittee shall ensure that during shutdown of EMU 5, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off. [40 CFR Section 63.463(d)(7)]
- viii. The permittee shall ensure that when solvent is added or drained from EMU 5, the solvent shall be transferred using threaded or other leak proof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface. [40 CFR Section 63.463(d)(8)]
- ix. The permittee shall ensure that EMU 5 and associated controls be maintained as recommended by the manufacturers of the equipment or using alternative maintenance practices that have been demonstrated to the Administrator's satisfaction to achieve the same or better results as those recommended by the manufacturer. [40 CFR Section 63.463(d)(9)]
- x. The permittee shall ensure that all operators of EMU 5 receive training on the proper operation of EMU 5 and its control devices sufficient to pass the test required in 40 CFR Section 63.463(d)(10). [40 CFR Section 63.463(d)(10)]
- xi. The permittee shall ensure that each operator of EMU 5 complete and pass the applicable sections of the test of solvent cleaning operating procedures in Appendix B of 40 CFR Part 63 if requested during an inspection by the Administrator. [40 CFR Section 63.463(d)(10)]
- xii. The permittee shall ensure that waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container. [40 CFR Section 63.463(d)(11)]

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- xiii. The permittee shall ensure that sponges, fabric, wood, and paper products not be cleaned in EMU 5. [40 CFR Section 63.463(d)(12)]
- xiv. The permittee shall store waste degreasing solvent only in covered containers and not dispose of waste degreasing solvent or transfer it to another party, such that greater than 20 percent of the waste degreasing solvent (by weight) can evaporate into the atmosphere. [RCSA Section 22a-174-20(l)(4)(E)]
- xv. The permittee shall not degrease porous or absorbent materials, such as cloth, leather, wood or rope. [RCSA Section 22a-174-20(l)(4)(G)]
- xvi. The permittee shall not occupy more than half of EMU 5's open top area with a workload. [RCSA Section 22a-174-20(l)(4)(H)]
- xvii. The permittee shall not load EMU 5 to the point where the vapor level would drop more than ten (10) centimeters (4 inches) when the workload is removed from the vapor zone. [RCSA Section 22a-174-20(l)(4)(I)]
- xviii. The permittee shall operate EMU 5 so as to prevent water from being visually detectable in solvent exiting the water separator. [RCSA Section 22a-174-20(l)(4)(K)]
- xix. The permittee shall not expose EMU 5 to drafts greater than forty (40) meters per minute (131 feet per minute) as measured between 1 and 2 meters upwind and at the same elevation as the tank lip, nor provide exhaust ventilation exceeding twenty (20) cubic meters per minute per square meter (65 cubic feet per minute per square foot) of degreasing unit open area, unless necessary to meet OSHA requirements [RCSA Section 22a-174-20(l)(4)(L)]
- xx. The permittee shall not operate EMU 5 upon the occurrence of any visible solvent leak until such leak is repaired [RCSA Section 22a-174-20(l)(4)(M)]
- xxi. The permittee shall provide a permanent, conspicuous label on or posted near each unit summarizing the applicable operating requirements [RCSA Section 22a-174-20(l)(4)(O)]

D. EMISSIONS UNIT 6 – COOLING TOWER

1. Monitoring and Testing Requirements

Pollutant or Process Parameter: TSP

Emissions rates of particulate emissions shall not exceed those limits stated in Table III.D of this Title V Operating Permit. The permittee shall verify compliance with emissions rates by using emission factors obtained from, but not limited to, manufacturer's data or AP-42, and maintaining good operating practices for the cooling tower. The permittee shall exercise care to minimize the following: excessive water flow, excessive airflow, and water bypassing the tower drift eliminators. The permittee shall visually inspect the cooling tower particularly the drift eliminators on a monthly basis. [RCSA Section 22a-174-33(j)(1)(K) & 40 CFR Section 70.6(a)(3)(i)(B)]

2. Record Keeping Requirements

Pollutant or Process Parameter: TSP

- a. The permittee shall keep records of maintenance whenever maintenance action was taken. [RCSA Section 22a-174-33(o)(1)]
- b. The permittee shall keep records of emissions calculations. [RCSA Section 22a-174-33(o)(1)]

E. EMISSIONS UNIT 7 – 300 HP CLEAVER BROOKS BOILER

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1. Monitoring and Testing Requirements

i. *Pollutant or Process Parameter: Opacity*

Opacity shall not exceed those limits stated in Table III.E, Condition 1 of this Title V Operating Permit. If required by the Commissioner, the permittee shall, within the time period specified by the Commissioner, measure opacity using 40 CFR 60 Appendix A Method 9 stack test. [RCSA Section 22a-174-5(e)(2) & Section 22a-174-33(j)(1)(K) and 40 CFR Section 70.6(a)(3)]

ii. *Pollutant or Process Parameter: PM-10/TSP*

- a. Emissions of PM-10/TSP shall not exceed those limits stated in Table III.E, Condition 2 of this Title V Operating Permit. The permittee shall verify compliance with the 0.01 lb/MMBTU emissions limitation by use of (but not limited to) manufacturer's data (emissions factors) and by meeting the hourly fuel firing rate in Table III.E, Condition 7.i. of this Title V Operating Permit. [CP/OP No. 180-0019]
- b. The permittee shall demonstrate compliance by: maintaining good operational practices by either following the manufacturers instructions or the State of Connecticut, Department of Public Safety's "Boiler Operation Guidelines." [RCSA Section 22a-174-33(j)(1)(K) and 40 CFR Section 70.6(a)(3)]

iii. *Pollutant or Process Parameter: NO_x*

Emissions of NO_x shall not exceed those limits stated in Table III.E, Condition 3 of this Title V Operating Permit.

- a. The permittee shall verify compliance with the 0.035 lb/MMBTU emissions limitation by use of (but not limited to) manufacturer's data (emissions factors) or by stack testing and by meeting the hourly fuel firing rate in Table III.E, Condition 7.i. of this Title V Operating Permit. [CP/OP No. 180-0019]
- b. The permittee shall demonstrate compliance by calculating annual emissions for the annual emission statements using emission factors obtained from manufacturer's data or by stack testing and the fuel usage in Table III.E, Condition 7.ii. of this Title V Operating Permit. [CP/OP No. 180-0019]

iv. *Pollutant or Process Parameter: SO_x*

Emissions of SO_x shall not exceed those limits stated in Table III.E, Condition 4 of this Title V Operating Permit. The permittee shall verify compliance with the 0.001 lb/MMBTU emissions limitation by use of (but not limited to) manufacturer's data (emissions factors) and by meeting the hourly fuel firing rate in Table III.E, Condition 7.i. of this Title V Operating Permit. [CP/OP No. 180-0019]

iv. *Pollutant or Process Parameter: VOC*

Emissions of VOC shall not exceed those limits stated in Table III.E, Condition 5 of this Title V Operating Permit. The permittee shall verify compliance with the 0.016 lb/MMBTU emissions limitation by use of (but not limited to) manufacturer's data (emissions factors) and by meeting the hourly fuel firing rate in Table III.E, Condition 7.i. of this Title V Operating Permit. [CP/OP No. 180-0019]

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v. *Pollutant or Process Parameter: CO*

Emissions of CO shall not exceed those limits stated in Table III.E, Condition 6 of this Title V Operating Permit.

- a. The permittee shall verify compliance with the 0.037 lbs/MMBTU emissions limitation by use of (but not limited to) manufacturer's data (emissions factors) and by meeting the hourly fuel firing rate in Table III.E, Condition 7.i. of this Title V Operating Permit. [CP/OP No. 180-0019]
- b. The permittee shall demonstrate compliance by calculating annual emissions for the annual emission statements using emission factors obtained from manufacturer's data or by stack testing and the fuel usage in Table III.E, Condition 7.ii. of this Title V Operating Permit. [CP/OP No. 180-0019]

vi. *Pollutant or Process Parameter: Natural Gas*

The permittee shall maintain the fuel metering device to continuously monitor fuel feed to this permitted source. [CP/OP No. 180-0019]

2. Record Keeping Requirements

i. *Pollutant or Process Parameter: Opacity*

The permittee shall maintain records of the dates, times, and places of visible emissions observations, persons performing the observations, test methods used, the operating conditions at the time of observation, and the results of such observation. [RCSA Section 22a-174-4(c)(1)]

ii. *Pollutant or Process Parameter: NO_x*

- a. The permittee shall keep records of calculations required in Section IV.E.1.iii. Annual NO_x emissions shall be calculated each calendar month by adding the current calendar month's NO_x emissions to those of the previous eleven months. [RCSA Section 22a-174-33(j)(1)(K) and 40 CFR Section 70.6(a)(3)]
- b. The permittee shall keep records of all tune-ups, repairs, replacement of parts and other maintenance done on the unit. [RCSA Section 22a-174-4(c)(1)]

iii. *Pollutant or Process Parameter: CO*

- a. The permittee shall keep records of calculations required in Section IV.E.1.v. [RCSA Section 22a-174-4(c)(1)]
- b. Annual CO emissions shall be calculated each calendar month by adding the current calendar month's CO emissions to those of the previous eleven months. [RCSA Section 22a-174-4(c)(1)]

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3. Reporting Requirements

i. *Pollutant or Process Parameter: Opacity*

The permittee shall provide all of the opacity records specified in Section IV.E.2.i of this Title V Operating Permit to the Commissioner within thirty days of receipt of a written request from the Commissioner. [RCSA Section 22a-174-4(c)(1)]

ii. *Pollutant or Process Parameter: NO_x*

The permittee shall provide all of the NO_x records specified in Section IV.E.2.ii of this Title V Operating Permit to the Commissioner within thirty days of receipt of a written request from the Commissioner. [RCSA Section 22a-174-4(c)(1)]

iii. *Pollutant or Process Parameter: CO*

The permittee shall provide all of the CO records specified in Section IV.E.2.iii of this Title V Operating Permit to the Commissioner within thirty days of receipt of a written request from the Commissioner. [RCSA Section 22a-174-4(c)(1)]

F. GROUPED EMISSIONS UNIT 2 – EIGHT PLATING LINES

1. Monitoring and Testing Requirements

Pollutant or Process Parameter: HAP

Emission rates of HAPs shall not exceed those limits stated in Table III.F of this Title V Operating Permit. The permittee shall verify compliance with the MASC by calculation for each plating line (EMU 8-EMU 15) do not exceed those levels from the most recent stack test that successfully demonstrated compliance with RCSA Section 22a-174-29. [RCSA Section 22a-174-33(j)(1)(K) & 40 CFR Section 70.6(a)(3)(i)(B)]

2. Record Keeping Requirements

Pollutant or Process Parameter: HAP

The permittee shall keep records of maintenance whenever maintenance action was taken. [RCSA Section 22a-174-33(o)(1)]

3. Reporting Requirements

The permittee shall provide the records specified above to the commissioner within thirty days after of receipt of a written request from the commissioner. [RCSA 22a-174-4(c)]

Section IV: Compliance Demonstration

G. EMISSIONS UNIT 16 – SIX NICKEL EVAPORATORS

1. Monitoring and Testing Requirements

Pollutant or Process Parameter: HAP

Emission rates of HAPs shall not exceed those limits stated in Table III.G of this Title V Operating Permit. The permittee shall verify compliance with the MASC by ensuring that the operating parameters and process rates for each plating line (EMU 8-EMU 15) do not exceed those levels from the most recent stack test that successfully demonstrated compliance with RCSCA Section 22a-174-29. [RCSCA Section 22a-174-33(j)(1)(K) & 40 CFR Section 70.6(a)(3)(i)(B)]

2. Record Keeping Requirements

Pollutant or Process Parameter: HAP

The permittee shall keep records of maintenance whenever maintenance action was taken. [RCSCA Section 22a-174-33(o)(1)]

3. Reporting Requirements

The permittee shall provide the records specified above to the commissioner within thirty days after of receipt of a written request from the commissioner. [RCSCA 22a-174-4(c)]

Section V: Premises-Wide General Requirements

Premises-Wide Monitoring Requirements:

- *In accordance with Section VIII.E of this Title V Operating Permit, the permittee shall submit to the Commissioner on a semi-annual basis (once every six months) a written monitoring report. [RCSA Section 22a-174-33(o)(1) & 40 CFR Section 70.6(a)(3)(iii)]*

Premises-Wide Recording & Reporting Requirements:

The permittee shall:

- *Maintain records, in accordance with Section VIII.F of this Title V Operating Permit, of all required monitoring data and supporting information for a minimum of five years commencing on the date such records were created and kept on site at the premises [RCSA Section 22a-174-33(o)(2) & 40 CFR Section 70.6(a)(3)(ii)];*
- *Have certified by a responsible official, in accordance with Sections VIII.B and VIII.H of this Title V Operating Permit, any report or document required by this Title V Operating Permit and any other information submitted to the Commissioner or Administrator [40 CFR Section 70.6(c)(1)];*
- *Provide all records to the Commissioner within thirty days of receipt of a written request from the Commissioner or such sooner time as the Commissioner may require, except as many be required under Section VIII.D of this Title V Operating Permit, [RCSA Section 22a-174-4(c)(1)]; and*
- *Record annual emissions and submit such annual emissions inventory statements to the Commissioner once per year. [RCSA Section 22a-174-4(c)(1), Connecticut State Implementation Plan (CT SIP) for Air Quality Emission Statement]*

Section V: Premises-Wide General Requirements

TABLE V.: PREMISES-WIDE GENERAL REQUIREMENTS		
Pollutants or Process Parameters	Applicable Regulatory References/Citations	Compliance Demonstration Requirements
No. 6 Fuel Oil	RCSA Section 22a-174-19	The sulfur content of the fuel shall not exceed 1.0%. (by weight, dry basis)
Opacity	RCSA Section 22a-174-18(a)(1)	No person shall cause or permit the emission of visible air pollutants of a shade or density equal to or darker than that designated as No. 1 on the Ringelmann chart or 20 percent opacity.
Annual Emission Statements	RCSA Section 22a-174-4	The permittee shall submit annual emission inventory statements requested by the Commissioner as specified in RCSA Section 22a-174-4(c)(1).
Emergency Episode Procedures	RCSA Section 22a-174-6	The permittee shall comply with the procedures for emergency episodes as specified in RCSA Section 22a-174-6.
Public Availability of Information	RCSA Section 22a-174-10	The public availability of information shall apply, as specified in RCSA Section 22a-174-10.
Prohibition Against Concealment/ Circumvention	RCSA Section 22a-174-11	The permittee shall comply with the prohibition against concealment or circumvention as specified in RCSA Section 22a-174-11.
Emissions Fees	RCSA Section 22a-174-26	The permittee shall pay an emission fee in accordance with RCSA Section 22a-174-26.
VOC	RCSA Section 22a-174-33	Handling, storage, and disposal of all VOC containing materials shall be carried out, by the permittee, in accordance with all applicable DEP regulations and in such a manner as to keep the evaporation of such solvents into the atmosphere to an absolute minimum. [RCSA Section 22a-174-33(j)(1)(K)] All the VOC emitting equipment shall be properly maintained by the permittee and kept in good operating conditions at all times. The equipment shall be operated by the permittee in accordance with the manufacturer's specifications. [RCSA Section 22a-174-33(j)(1)(K)]

Section VI: State Enforceable Special Terms and Conditions

Only the Commissioner of the Department of Environmental Protection has the authority to enforce the terms, conditions and limitations contained in this section.

- A.** This Title V Operating Permit does not relieve the permittee of the responsibility to conduct, maintain and operate the emissions units in compliance with all applicable requirements of any other Bureau of the Department of Environmental Protection or any federal, local or other state agency. Nothing in this Title V Operating Permit shall relieve the permittee of other obligations under applicable federal, state and local law.
- B.** Nothing in this Title V Operating Permit shall affect the Commissioner's authority to institute any proceeding or take any other action to prevent or abate violations of law, prevent or abate pollution, investigate air pollution, recover costs and natural resource damages, and to impose penalties for violations of law, including but not limited to violations of this or any other permit issued to the permittee by the Commissioner.
- C.** Odors: The permittee shall not cause or permit the emission of any substance or combination of substances which creates or contributes to an odor beyond the property boundary of the premises as set forth in RCSA Section 22a-174-23.
- D.** Noise: The permittee shall operate in compliance with the regulations for the control of noise as set forth in RCSA Section 22a-69-1 through 22a-69-7.4, inclusive.
- E.** Hazardous Air Pollutants (HAPs): The permittee shall operate in compliance with the regulations for the control of HAPs as set forth in RCSA Section 22a-174-29.
- F.** Open Burning: The permittee is prohibited from conducting open burning, except as may be allowed by CGS Section 22a-174(f).
- G.** Fuel Sulfur Content: The permittee shall not use No. 2 heating oil that exceeds three-tenths of one percent sulfur by weight as set forth in CGS Section 22a-21a.

Section VII: Permit Shield

NO PERMIT SHIELDS HAVE BEEN GRANTED.

In accordance with RCSA Section 22a-174-33(k), a permittee complying with the conditions of this Title V Operating Permit shall be deemed in compliance with any applicable requirements identified in Table VII below as of the date of issuance. Also, in accordance with RCSA Section 22a-174-33(k), a permittee complying with the conditions of this Title V Operating Permit shall be deemed exempt from any non-applicable requirements identified below as of the date of issuance.

This Title V Operating Permit shall not alter or affect the following:

- A. the provisions of section 303 of the Clean Air Act, including the authority of the Administrator under the Act;
- B. the liability of an owner or operator of a Title V source for any violation of applicable requirements prior to or at the effective date of a Title V Operating Permit;
- C. the applicable requirements of the acid rain program under 40 CFR Part 72; and
- D. the ability of the Administrator or Commissioner to obtain information from the owner or operator of a Title V source.

TABLE VII: PERMIT SHIELD				
Regulated Pollutants	Emissions Units	Applicable Requirement or Non-Applicable Requirement Descriptions	Applicable Regulatory References	*Applicability
N/A				

*For Applicability, use AR to indicate Applicable Requirement and NR for Non- Applicable Requirement

Section VIII: Title V Requirements

The Administrator of the United States Environmental Protection Agency and the Commissioner of Environmental Protection have the authority to enforce the terms and conditions contained in these sections.

A. SUBMITTALS TO THE COMMISSIONER & ADMINISTRATOR

The date of submission to the Commissioner of any document required by this Title V Operating Permit shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this Title V Operating Permit, including, but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is delivered or the date three days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in this Title V Operating Permit, the word "day" means calendar day. Any document or action which is required by this Title V Operating Permit to be submitted or performed by a date which falls on a Saturday, Sunday or legal holiday shall be submitted or performed by the next business day thereafter.

Any document required to be submitted to the Commissioner under this Title V Operating Permit shall, unless otherwise specified in writing by the Commissioner, be directed to: Office of the Assistant Director; Compliance & Field Operations Division; Bureau of Air Management; Department of Environmental Protection; 79 Elm Street, 5th Floor; Hartford, Connecticut 06106-5127.

Any submittal to the Administrator of the U. S. Environmental Protection Agency shall be in a computer-readable format and addressed to: Director, Air Compliance Program; Attn: Air Compliance Clerk; Office of Environmental Stewardship; US EPA, Region 1; One Congress Street; Suite 1100 (SEA); Boston, MA 02114-2023.

B. CERTIFICATIONS [RCSA Section 22a-174-33(b)]

In accordance with RCSA Section 22a-174-33(b), any report or other document required by this Title V Operating Permit and any other information submitted to the Commissioner or Administrator shall be signed by an individual described in RCSA Section 22a-174-2a(a), or by a duly authorized representative of such individual. Any individual signing any document pursuant to RCSA Section 22a-174-33(b) shall examine and be familiar with the information submitted in the document and all attachments thereto, and shall make inquiry of those individuals responsible for obtaining the information to determine that the information is true, accurate, and complete, and shall also sign the following certification as provided in RCSA Section 22a-3a-5(a)(2):

"I have personally examined and am familiar with the information submitted in the documents and all attachments thereto and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement made in this document or its attachments may be punishable as a criminal offense in accordance with Connecticut General Statutes Section 22a-6, pursuant to Section 53a-157b of the Connecticut General Statutes."

C. SIGNATORY RESPONSIBILITY [RCSA Section 22a-174-2a(a)]

If an authorization pursuant to RCSA Section 22a-174-33(b)(2) is no longer effective because a different individual or position has assumed the applicable responsibility, a new authorization satisfying the requirements of RCSA Section 22a-174-2a(a)(2) shall be submitted to the Commissioner prior to or together with the submission of any applications, reports, forms, compliance certifications, documents or other information which is signed by an individual or a duly authorized representative of such individual pursuant to RCSA Section 22a-174-2a(a)(2).

Section VIII: Title V Requirements

D. ADDITIONAL INFORMATION [RCSA Section 22a-174-33(j)(1)(X)]

The permittee shall submit any additional information, at the Commissioner's request, within thirty days of the date of the request or such shorter time as is reasonable, including, but not limited to, any information that the Commissioner may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this Title V Operating Permit or to determine compliance with the terms and conditions of this Title V Operating Permit and all applicable statutes and regulations.

In addition, within fifteen days of the date the permittee becomes aware of a change in any information submitted to the Commissioner under this Title V Operating Permit or of any change in any information contained in the application, or that any such information was inaccurate or misleading or that any relevant information was omitted, the permittee shall submit the changed, corrected, or omitted information to the Commissioner.

E. MONITORING REPORTS [RCSA Section 22a-174-33(o)(1)]

A permittee, required to perform monitoring pursuant to this Title V Operating Permit, shall submit to the Commissioner, on forms prescribed by the Commissioner, written monitoring reports on January 30 and July 30 of each year or on a more frequent schedule if specified in such permit. Such monitoring reports shall include the date and description of each deviation from a permit requirement including, but not limited to:

1. Each deviation caused by upset or control equipment deficiencies; and
2. Each deviation of a permit requirement that has been monitored by the monitoring systems required under this Title V Operating Permit, which has occurred since the date of the last monitoring report; and
3. Each deviation caused by a failure of the monitoring system to provide reliable data.

F. PREMISES RECORDS [RCSA Section 22a-174-33(o)(2)]

Unless otherwise required by this Title V Operating Permit, the permittee shall make and keep records of all required monitoring data and supporting information for at least five (5) years from the date such data and information were obtained. The permittee shall make such records available for inspection at the site of the subject source, and shall submit such records to the Commissioner upon request. The following information, in addition to required monitoring data, shall be recorded for each permitted source:

1. The type of monitoring or records used to obtain such data, including record keeping;
2. The date, place, and time of sampling or measurement;
3. The name of the individual who performed the sampling or the measurement and the name of such individual's employer;
4. The date(s) on which analyses of such samples or measurements were performed;
5. The name and address of the entity that performed the analyses;
6. The analytical techniques or methods used for such analyses;
7. The results of such analyses;

Section VIII: Title V Requirements

F. PREMISES RECORDS, continued [RCSA Section 22a-174-33(o)(2)]

8. The operating conditions at the subject source at the time of such sampling or measurement; and
9. All calibration and maintenance records relating to the instrumentation used in such sampling or measurements, all original strip-chart recordings or computer printouts generated by continuous monitoring instrumentation, and copies of all reports required by the subject permit.

G. PROGRESS REPORTS [RCSA Section 22a-174-33(q)(1)]

The permittee shall, on January 30 and July 30 of each year, or on a more frequent schedule if specified in this Title V Operating Permit, submit to the Commissioner a progress report on forms prescribed by the Commissioner, and certified in accordance with RCSA Section 22a-174-2a(a)(5). Such report shall describe the permittee's progress in achieving compliance under the compliance plan schedule contained in this Title V Operating Permit. Such progress report shall:

1. Identify those obligations under the compliance plan schedule in the permit which the permittee has met, and the dates on which they were met; and
2. Identify those obligations under the compliance plan schedule in this Title V Operating Permit which the permittee has not timely met, explain why they were not timely met, describe all measures taken or to be taken to meet them and identify the date by which the permittee expects to meet them.

Any progress report prepared and submitted pursuant to RCSA Section 22a-174-33(q)(1) shall be simultaneously submitted by the permittee to the Administrator.

H. COMPLIANCE CERTIFICATIONS [RCSA Section 22a-174-33(q)(2)]

The permittee shall, on January 30 of each year, or on a more frequent schedule if specified in this Title V Operating Permit, submit to the Commissioner, a written compliance certification certified in accordance with RCSA Section 22a-174-2a(a)(5) and which includes the information identified in Title 40 CFR 70.6(c)(5)(iii)(A) to (C), inclusive.

Any compliance certification prepared and submitted pursuant to RCSA Section 22a-174-33(q)(2) shall be simultaneously submitted by the permittee to the Administrator.

I. PERMIT DEVIATION NOTIFICATIONS [RCSA Section 22a-174-33(p)]

Notwithstanding Section VIII.D of this Title V Operating Permit, the permittee shall notify the Commissioner in writing, on forms prescribed by the Commissioner, of any deviation from an emissions limitation, and shall identify the cause or likely cause of such deviation, all corrective actions and preventive measures taken with respect thereto, and the dates of such actions and measures as follows:

1. For any hazardous air pollutant, no later than twenty-four (24) hours after such deviation commenced; and
2. For any other regulated air pollutant, no later than ten (10) days after such deviation commenced.

Section VIII: Title V Requirements

J. PERMIT RENEWAL [RCSA Section 22a-174-33(j)(1)(B)]

All of the terms and conditions of this Title V Operating Permit shall remain in effect until the renewal permit is issued or denied provided that a timely renewal application is filed in accordance with RCSA Sections 22a-174-33(g), -33(h), and -33(i).

K. OPERATE IN COMPLIANCE [RCSA Section 22a-174-33(j)(1)(C)]

The permittee shall operate the source in compliance with the terms of all applicable administrative regulations, the terms of this Title V Operating Permit, and any other applicable provisions of law. Any noncompliance with this Title V Operating Permit constitutes a violation of the Clean Air Act and Chapter 446c of the Connecticut General Statutes and is grounds for federal and/or state enforcement action; permit termination, revocation, or modification; or denial of a permit renewal application.

L. COMPLIANCE WITH PERMIT [RCSA Section 22a-174-33(j)(1)(G)]

This Title V Operating Permit shall not be deemed to:

1. preclude the creation or use of emission reduction credits or the trading of such credits in accordance with RCSA Sections 22a-174-33(j)(1)(I) and 22a-174-33(j)(1)(P), provided that the Commissioner's prior written approval of the creation, use, or trading is obtained;
2. authorize emissions of an air pollutant so as to exceed levels prohibited under 40 CFR Part 72;
3. authorize the use of allowances pursuant to 40 CFR Parts 72 through 78, inclusive, as a defense to noncompliance with any other applicable requirement; or
4. impose limits on emissions from items or activities specified in subparagraphs (A) and (B) of RCSA Section 22a-22a-174-33(g)(3) unless imposition of such limits is required by an applicable requirement.

M. INSPECTION TO DETERMINE COMPLIANCE [RCSA Section 22a-174-33(j)(1)(M)]

The Commissioner may, for the purpose of determining compliance with the permit and other applicable requirements, enter the premises at reasonable times to inspect any facilities, equipment, practices, or operations regulated or required under the permit; to sample or otherwise monitor substances or parameters; and to review and copy relevant records lawfully required to be maintained at such premises in accordance with this Title V Operating Permit. It shall be grounds for permit revocation should entry, inspection, sampling, or monitoring be denied or effectively denied, or if access to and the copying of relevant records is denied or effectively denied.

N. PERMIT AVAILABILITY

The permittee shall have available at the facility at all times a copy of this Title V Operating Permit.

O. SEVERABILITY CLAUSE [RCSA Section 22a-174-33(j)(1)(R)]

The provisions of this Title V Operating Permit are severable. If any provision of this Title V Operating Permit or the application of any provision of this Title V Operating Permit to any circumstance is held invalid, the remainder of this Title V Operating Permit and the application of such provision to other circumstances shall not be affected.

Section VIII: Title V Requirements

P. NEED TO HALT OR REDUCE ACTIVITY [RCSA Section 22a-174-33(j)(1)(T)]

The permittee's need to halt or reduce operations at the Title V source shall not be a defense to noncompliance with this Title V Operating Permit in an enforcement action concerning a violation of the permit.

Q. PERMIT REQUIREMENTS [RCSA Section 22a-174-33(j)(1)(V)]

The filing of an application or of a notification of planned changes or anticipated noncompliance does not stay the permittee's obligation to comply with this Title V Operating Permit.

R. PROPERTY RIGHTS [RCSA Section 22a-174-33(j)(1)(W)]

This Title V Operating Permit does not convey any property rights or any exclusive privileges. This Title V Operating Permit is subject to, and in no way derogates from any present or future property rights or other rights or powers of the State of Connecticut, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the facility or regulated activity affected thereby, including CGS Section 4-181a(b) and RCSA Section 22a-3a-5(b). This Title V Operating Permit shall neither create nor affect any rights of persons who are not parties to this Title V Operating Permit.

S. ALTERNATIVE OPERATING SCENARIO RECORDS [RCSA Section 22a-174-33(o)(3)]

The permittee shall, contemporaneously with making a change authorized by this Title V Operating Permit from one alternative operating scenario to another, maintain a record at the premises indicating when changes are made from one operating scenario to another and shall maintain a record of the current alternative operating scenario.

T. OPERATIONAL FLEXIBILITY AND OFF-PERMIT CHANGES [RCSA Section 22a-174-33(r)(2)]

The permittee may engage in any action allowed by the Administrator in accordance with 40 CFR 70.4(b)(12)(i) to (iii)(B) inclusive, and 40 CFR 70.4(b)(14)(i) to (iv), inclusive without a Title V non-minor permit modification, minor permit modification or revision and without requesting a Title V non-minor permit modification, minor permit modification or revision provided such action does not:

1. constitute a modification under 40 CFR 60, 61 or 63,
2. exceed emissions allowable under the subject permit,
3. constitute an action which would subject the permittee to any standard or other requirement pursuant to 40 CFR 72 to 78, inclusive, or
4. constitute a non-minor permit modification pursuant to RCSA Section 22a-174-2a(d)(4).

At least seven (7) days before initiating an action specified in RCSA Section 22a-174-33(r)(2)(A), the permittee shall notify the Administrator and the Commissioner in writing of such intended action.

Section VIII: Title V Requirements

U. INFORMATION FOR NOTIFICATION [RCSA Section 22a-174-33(r)(2(A))]

Written notification required under subdivisions RCSA Section 22a-174-33(r)(2) shall include a description of each change to be made, the date on which such change will occur, any change in emissions that may occur as a result of such change, any Title V permit terms and conditions that may be affected by such change, and any applicable requirement that would apply as a result of such change. The permittee shall thereafter maintain a copy of such notice with the Title V permit. The Commissioner and the permittee shall each attach a copy of such notice to their copy of the permit.

V. TRANSFERS [RCSA Section 22a-174-2a(g)]

No person other than the permittee shall act or refrain from acting under the authority of this Title V Operating Permit unless this Title V Operating Permit has been transferred to another person in accordance with CGS Section 22a-60.

The proposed transferor and transferee of a permit shall submit to the Commissioner a request for a permit transfer on a form provided by the Commissioner. A request for a permit transfer shall be accompanied by any fees required by any applicable provision of the general statutes or regulations adopted thereunder. The Commissioner may also require the proposed transferee to submit with any such request, the information identified in CGS Section 22a-6m.

W. REVOCATION [RCSA Section 22a-174-2a(h)]

The Commissioner may revoke this Title V Operating Permit on his own initiative or on the request of the permittee or any other person, in accordance with CGS Section 4-182c, subsection (d) RCSA Section 22a-3a-5(d), and any other applicable law. Any such request shall be in writing and contain facts and reasons supporting the request. The permittee requesting revocation of this Title V Operating Permit shall state the requested date of revocation and provide the Commissioner with satisfactory evidence that the emissions authorized by this Title V Operating Permit have been permanently eliminated.

Pursuant to the Clean Air Act, the Administrator has the power to revoke this Title V Operating Permit. Pursuant to the Clean Air Act, the Administrator also has the power to reissue this Title V Operating Permit if the Administrator has determined that the Commissioner failed to act in a timely manner on a permit renewal application.

This Title V Operating Permit may be modified, revoked, reopened, reissued, or suspended by the Commissioner, or the Administrator in accordance with RCSA Section 22a-174-33(r), CGS Section 22a-174c of Section 22a-3a-5(d).

X. REOPENING FOR CAUSE [RCSA Section 22a-174-33(s)]

This Title V Operating Permit may be reopened by the Commissioner, or the Administrator in accordance with RCSA Section 22a-174-33(s).

Y. CREDIBLE EVIDENCE

Notwithstanding any other provision of this Title V Operating Permit, for the purpose of determining compliance or establishing whether a permittee has violated or is in violation of any permit condition, nothing in this Title V Operating Permit shall preclude the use, including the exclusive use, of any credible evidence or information.